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**SERIAL NO.: 10/708,275**

**ATTORNEY DOCKET NO.: ADTP0110USA**

**SUBJECT: INFORMATION DISCLOSURE STATEMENT**

**TOTAL PAGES: 46 PAGES (INCLUDING COVER PAGE)**

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PTO/SB/97 (08-03)

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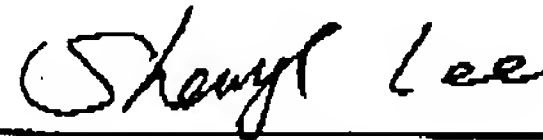
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APPLICATION NUMBER: 10/708,275

PAPERS INCLUDED:

(1) Transmittal Form	1 PAGE
(2) Fee Transmittal	1 PAGE
(3) Information Disclosure Statement	42 PAGES

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/708,275	
	Filing Date	02/20/2004	
	First Named Inventor	Chuan-Pei Yu	
	Art Unit	2871	
	Examiner Name		
Total Number of Pages in This Submission	44	Attorney Docket Number	ADTP0110USA

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Winston Hsu, Reg. No.: 41,526
Signature	<i>Winston Hsu</i>
Date	8/16/2004

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Application Number	10/708,275
Filing Date	02/20/2004
First Named Inventor	Chuan-Pei Yu
Art Unit	2871
Examiner Name	
Attorney Docket Number	ADTP0110USA

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

5 Applicant: Chuan-Pei Yu  
Han-Chou Liu

Filing Date: 02/20/2004

Art Unit: 2871

Appl. No.: 10/708,275

Docket No.: ADTP0110USA

10

Title: LIQUID CRYSTAL DISLAY

To: Commissioner for Patents  
P.O. BOX 1450

15

Alexandria, VA 22313-1450

Subject: Information disclosure statement under 37 CFR §1.56.

20 Dear Sir/Madam:

25 This is an Information Disclosure Statement (IDS) in accordance with the duty to disclose information material to patentability under 37 CFR §1.56. The applicant wishes to make of record the documents listed on the accompanying PTO/SB/08 form. It is respectfully requested that the examiner initials the cited reference on the form, that this be made of record in the application, and that a copy of the initialed form be sent to the applicant with the next communication from the examiner.

30 Since this IDS is filed before the mailing date of a final action or notice of allowance, consideration of the information disclosure statement is hereby requested according to 37 CFR §1.97(c). Each item

contained in the IDS was cited in communications from the Taiwan Intellectual Property Office on June 15, 2004. The applicant requests that the examiner consider the items contained in this IDS.

5        According to the requirement set forth in 37 CFR §1.98 and MPEP 609, the applicant is submitting a copy of Taiwan Patent document TP No. 550406 (filed on Mar 15, 2001) and a concise explanation of the relevance to this application hereinafter.

10        Regarding TP No.550406, Fig. 8A appears to be the most relevant drawing and discloses a liquid crystal display (LCD) 1 comprising a light source unit 4, a light diffusion plate 5, a shield rear 33, a shield center 32 which cooperates with the shield rear 33 to support the light source unit 4 and the light diffusion plate 5 such that a light emitted  
15 from the light source unit 4 passes through an upper surface of the light diffusion plate 5. The light source unit 4 has a structure as illustrated in Fig. 5. As shown in Fig.5, a vacuum-insulating layer 101 is sandwiched between two light-permeable substrates 100 and 46 with sealing blocks 44a. The lower light-permeable substrate 46 belongs to  
20 part of the light source structure 4, and the upper light-permeable substrate 100 is a substrate which cooperates with the lower light-permeable substrate 46 to provide a vacuum condition.

Claim 1 of the present application includes the above-described  
25 differences in the limitations as recited below:

1. A liquid crystal display comprising:

    a backlight unit comprising:

**an optical film positioned above a light source and at least**

30               **including a vacuum layer; and**

        a liquid crystal display panel positioned above the optical film;

        wherein the vacuum layer is used for isolating heat generated by

the light source.

From the above it can be seen that the vacuum layer is part of the optical film, for example the vacuum layer is formed by a diffusion plate  
5 and a prism, and thus the present invention is substantially different from the teachings of TP No. 550406. Claims 2-12 are dependant on claim 1, and thus also include these differentiating limitations.

Sincerely,

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Date: 8/16/2004

Winston Hsu, Patent Agent No. 41,526

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20 your call promptly.)